root in powder, and in summer, the fresh grated root. It continued to afford more relief than any other remedy, so long as the paroxysms remained under the influence of any medicine. Since the recommendation of Dr. Cutler, many country physicians have employed the root in asthma, catarrh and chronic coughs, with evident benefit. A number of cases have fallen under my own observation of the catarrh affections of old people, in which a syrup prepared from the root in substance has alleviated and removed the complaint. Dr. Thacher informs us on various authorities, that the powdered root has given immediate relief in hysteric paroxysm, that it has affected the cure of dropsy, and that rheumatic patients have found great benefit from its use. Its strong and penetrating acrimony would lead us, *a priori*, to expect advantage from it in these complaints. Even in the more formidable disease of epilepsy, it has appeared to do good.

Some caution, however, is requisite in its management, as serious inconvenience may ensue from an over dose. In delicate stomachs I have found it frequently to occasion vomiting even in a small quantity. In several cases of gastrodynia where it was given with a view to its antispasmodic effect, it was ejected from the stomach

more speedily than common cathartic medicines. I have known it in a dose of thirty grains to bring on not only vomiting, but headach, vertigo and temporary blindness. Other practitioners have given it in larger quantities without any evil of this kind, but I think such an exemption must be attributed to the age and deteriorated quality of the root. Its active ingredients being more or less volatile, it must necessarily be impaired in strength by long keeping, especially in a pulverized state.

To insure a tolerably uniform activity of this medicine, the root should be kept in dried slices and not reduced to powder until it is wanted for use. It may then be taken in pills or mixed with syrup in doses of from ten to twenty grains. These may in most instances be repeated three times a day.

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JACOB BIGELOW *American Medical Botany* BOSTON, 1817-1820 CARY GRAPHIC ARTS COLLECTION, ROCHESTER INSTITUTE OF TECHNOLOGY Octavo